

## **ABSTRACT**

A capacitive pressure sensing device comprising, a base member, a diaphragm member deflectable under an external pressure, a cantilever member disposed between the base member and the diaphragm member and supported on a support structure, wherein the base member and  
5 the cantilever member form a capacitor structure of the device and wherein deflection of the diaphragm member beyond a threshold value causes the cantilever member to deflect to cause a capacitive change in the capacitor structure.